

Abstract of the Disclosure:

Methods and system for recording data from an aircraft and alerting with a wireless network are disclosed. The methods contain receiving signals containing data from a plurality of aircraft, determining normal thresholds for the data,

5 monitoring and analyzing the data, and generating an alert signal if the data is beyond the thresholds with a ground based computer terminal in real time. The system includes a ground computer and other mechanisms for implementing the disclosed method.

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